

ABSTRACT

A threadless cap for closing a potable liquid bottle is provided. The potable liquid bottle
5 has a neck with an upper edge defining a discharge opening. The threadless cap
comprises a lid for overlying and sealingly engaging the upper edge of the neck. The lid
includes a tension ring for retaining the cap on the neck of the bottle, the tension ring
having an inwardly extending rib for engaging the neck of the bottle. The threadless cap
also comprises a skirt depending from the lid, the skirt including a line of weakness
10 facilitating a manual tear of the skirt. The threadless cap further comprises a tear stop at a
location intersecting a line of tear propagating as a result of a manual pull applied on the
skirt, the tear stop preventing the line of tear to propagate beyond the tear stop. The line
of weakness may include a portion extending across the tension ring to reduce a retaining
force exerted by the tension ring on the neck of the bottle when a tear line propagating as
15 a result of a manual pull applied on the skirt extends across the tension ring. Also,
provided is a closure system that includes such a threadless cap and a protective sheath
for application on the cap.